



31SM
Amend E
7-10-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : ATTN: BOX RCE
Mitsuaki OSHIMA et al. : Docket No. 2000_1130
Serial No. 09/662,695 : Group Art Unit 2634
Filed September 15, 2000 : Examiner A. Le
COMMUNICATION SYSTEM : Confirmation No. 9227

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Technology Center 2600

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Please amend the above-identified application as follows.

IN THE SPECIFICATION:

Please replace the specification and abstract with the enclosed substitute
specification and abstract.

IN THE CLAIMS:

Please cancel claims 14 and 15 and add new claims 16-19 as follows:

13
16. A signal receiving apparatus comprising:

said signal receiving apparatus capable of receiving a VSB modulated signal and a QAM
modulated signal;

a QAM demodulator operable to demodulate the QAM modulated signal to a QAM
demodulated signal;

El
cont